ENVIRONMENTAL PLANNING & COORDINATION ORGANIZATION
(Autonomous organization of MP Govt.)
Paryavaran Parisar, E-5 Arera Colony, Bhopal - 16
Tel - 246318, 2466970, Fax : (0755) - 2462136
Website : www.epco.in

SHORT TERM NOTICE

Sealed "Tenders for the supply of Inverted Microscope, Binocular Microscope, Bacteriological Incubator, Colony Counter, BOD incubator, Dissolved Oxygen Meter, pH meter and Conductivity meter ''are invited from the reputed manufactures (approved by BIS/ISO for quality & precision) and / or their authorized dealers / representatives specially authorized by the Manufacturer/Dealer.

Other details in this context are given in EPCO's tender document which can be obtained on cash payment of Rs 1000/-. The tender document can also be downloaded from EPCO's website www.epco.in and cost of tender form (Rs1000/-) could be submitted with the tender.

Last Date for	**Date**	**Time**
Obtaining	13.11.13	Upto 5.00 PM
Submitting Tender	15.11.13	Upto 3.00 PM
Opening of Tender	15.11.13	4.00 PM

The right to cancel any tender without showing any reason shall be solely with the Executive Director and his decision will be final and binding on all vendors.

Executive Director

ENVIRONMENTAL PLANNING & COORDINATION ORGANIZATION

PARYAVARAN PARISAR,

E-5 ARERA COLONY, BHOPAL - 462016

TENDER FOR SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENTS

EXECUTIVE DIRECTOR, ECPO PARYAVARAN PARISAR,

E-5 ARERA COLONY, BHOPAL - 462016

TELEPHONE - 0755-2466859, 2466970, FAX : (0755) - 2462136

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DISCLAIMER

This Tender document is neither an agreement and nor is an offer to the prospective tenderers. The purpose of this Tender Document is to provide prospective tenderers information that may be useful to them in the formulation of their financial offer pursuant to this Tender document. The assumptions, assessments, statements and information contained in this Tender Document may not be complete, accurate, adequate or correct. Each tenderer should, therefore, conduct his own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this Tender Document and obtain independent advice from appropriate sources.

Information provided in this Tender Document to the tenderers is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Department accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The Department or its employees or representatives make no representation or warranty and shall have no liability to any tenderer, under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damage, cost or expense which may arise from or be incurred or suffered on account of anything contained in his Tender Document

The Department also accepts no liability of any nature whether resulting from negligence or otherwise, howsoever, arising from reliance of any upon the statements contained in this Tender Document.

The Department may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Tender Document.

The issue of this Tender Document does not imply that the Department is bound to select and to appoint the selected tenderer as SELECTED AGENCY and the Department reserves the right to reject all or any of the tenders without assigning any reason whatsoever. The tenderers shall bear all the costs associated with or relating to the preparation and submission of their tenders including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Department or any other cost incurred in connection with or relating to this tender. All such costs and expenses will be borne by the tenderers and the Department shall not be liable in any manner, whatsoever, for the same or for any other costs or other expenses incurred by any tenderer in preparation and submission of the tender, regardless of the conduct or outcome of the tendering process.

ENVIRONMENTAL PLANNING & COORDINATION ORGANIZATION
PARYAVARAN PARISAR,
E-5 ARERA COLONY, BHOPAL - 462016

TELEPHONE - 0755-2466859, 2466970, FAX : (0755) - 2462136

Website : www.epco.in

NOTICE INVITING TENDERS

NIT No. …….. **Date…….**

Sealed tenders are invited upto ……..... 3 PM from the reputed manufactures (approved by BIS/ISO for quality & precision) and / or their authorized dealers / representatives specially authorized by the Manufacturer/Dealer for this tender, for the supply of following laboratory equipments.

S.No.	Particulars of Item	Approx. Cost	Earnest Money	Period of Completion
1.	Supply of Laboratory/Scientific Equipments Including Transporatation, Installation & Demonstration Complete	Rs. 8,33,000/-	Rs. 16,660/-	60 days for Indigenous Goods and 90 days for Imported Goods from the date of Supply Order

The Tender Documents shall be issued up to date _____ 3:00 PM on payment of Rs. 1,000/- (Rupees One Thousand Only) in cash or by demand draft on any scheduled bank payable at Bhopal in favour of Executive Director, Environmental Planning and Coordination Organization (EPCO) Bhopal. The application for sending Tender Documents by post shall not be accepted after _____. The Tender Documents can also be downloaded from EPCO's website www.epco.in and cost of tender form (Rs.1,000/-) could be submitted with the tender.

Signature

……..

Instructions to Tenderers

1. Scope of Work :

Environmental Planning and Coordination Organization (EPCO) desires to procure the following laboratory equipments for it's laboratory situated in EPCO premises Bhopal.

S.No.	Particulars of Item	Qty.
1.	Inverted Microscope	01
2.	Binocular Microscope	01
3.	Bacteriological (Microbiological) Incubator	01
4.	Colony Counter	01
5.	BOD Incubator	01
6.	Dissolved Oxygen Meter	01
7.	pH Meter	01
8.	Conductivity Meter	01

The approximate cost of supply is Rs. 8,33,000/- (Rupees : Eight Lakh Thirty Three Thousand Only). The procurement, also includes transportation of equipments to EPCO Laboratory, Bhopal, Installation, Minor Civil Works needed for Installation and successful demonstration complete. The technical specifications of the equipments are given in **Annexure-III**.

2. Eligibility Criteria :

The prospective tenderers who fulfill the following criteria shall, only, be eligible to tender:

(i) Who are manufacturers of the equipments having license to manufacture the equipments from DGTD/SSI/SIA approved by BIS/ISO/ or their authorized representatives / Dealers.

(ii) Who have valid i) registration in Sales Tax Department and ii) PAN of Income Tax Deptt.

(iii) Who can supply the equipments equivalent to specifications given in Annexure-III or of higher updated specifications.

(iv) who have supplied equipments costing Rs. 4 Lakh or more against single order during last one year to any Government / Semi Govt.-organization and performance of equipments supplied was found satisfactory.

(v) Who have their authorized service centres in M.P. / India

(vi) Who give an undertaking in the format given in Annexure - II-A.

(vii) Who have audit report of last three years.

(viii) Who have value added tax (VAT) for clearance certificate of last year.

3. Financial Offer :

3.1 The Financial Offer should be submitted in **Annexure-IV**.

3.2 Make, Model Number and other necessary details will be mentioned in columns 'Description of Item'.

3.3 The prices shall be mentioned in figures and words. In case of any difference between the two amount written in words will be considered as the offered amount.

4. Validity of Offer :

The tender shall remain valid for a period of 120 days from the date of opening of Financial Offer (Envelope - C). Offers withdrawn during this validity period will result in forfeiture of the Earnest Money Deposit (EMD). The validity of offer may be extended by EPCO for further period as mutually agreed upon.

5. Amendment of Tender Documents

At any time prior to the deadline for submission of tenders the EPCO may for any reason, whether at his own initiative or in response to a clarification requested by a prospective tenderer, modify the Tender Documents, extend the last date of issue of tender documents and submission of tenders by amendment.

6. Earnest Money Deposit (EMD) :

EMD of Rs. 16,660/- (Rupees : Sixteen Thousand Six Hundred Sixty) only should be deposited in the form of a demand draft of any Scheduled Bank payable in Bhopal in favour of the Executive Director, EPCO Bhopal. No tender shall be opened unless accompanied by EMD.

7. Procedure for submission of tenders :

Each Tenderer shall submit his offer in three envelope system.

i. **Envelope A :** Envelope-A should contain the demand draft for the requisite amount of earnest money (EMD). If the tender document is downloaded from web site, then separate demand draft for tender cost shall also be submitted in Envelope-A. The name of instrument and the amount of the demand draft should be written on the top of envelope.

ii. **Envelope B :** Envelope-B should contain **Annexure-II** - **'Eligibility Criteria'** properly filled in with all records / documents mentioned therein. Tender Documents excepting the financial offer with all pages duly signed should be kept in the Envelope B. Any other relevant document should also be kept in this Envelope.

iii. **Envelope C :** Envelope-C should contain the **Annexure-IV** (Financial Offer). The unit prices should be clearly mentioned without any ambiguity and amount should be written in figures and words both.

iv. All the three envelopes (A,B, and C) duly sealed should be kept in a large envelope, properly sealed. Envelopes will be superscribed clearly mentioning name of work, viz 'Supply of Laboratory Equipments' reference of tender notice and 'Earnest Money Deposit' on Envelope-A, 'Eligibility Criteria' or 'Technical Offer' on Envelope-B and 'Financial Bid' on Envelope-C.

v. Tenders will be submitted by the due date and time to the Executive Director EPCO, E-5, Arera Colony, Bhopal 462016 in person or by post. For any postal delay or error the EPCO shall not be responsible and therefore tenderers themselves should ensure submission of the tenders in time on correct address.

8. Opening of Tenders :

Tenderers shall be opened in the office of the Executive Director, EPCO, E-5, Arera Colony, Bhopal on date _____ at 3:30 PM in presence of bidders or their authorized representatives.

(i) Envelope-A shall be opened first. The offers of the tenderers who have not fully paid the cost of Tender Documents or Earnest Money in valid form will be returned back to them.

ii. Envelope-B (Technical Offer) of only those tenderers who have fully paid the cost of Tender Documents and deposited EMD, shall be opened shortly after opening of Envelope-A. The Technical Offer shall be evaluated by a committee constituted by the Executive Director EPCO.

iii. Envelope-C (Financial Offer) of only the Technically Qualified tenderers shall be opened.

9. Award of Contract :

The Contract will ordinarily be awarded to the lowest tenderer. However the EPCO reserves right to reject all or accept any offer without assigning any reasons therefor.

Further the EPCO reserves its right to distribute the supply amongst various tenderers as per requirement of specifications. The number of equipments is subject to variation and may increase or decrease depending upon requirement of the EPCO.

The Award of Contract will be communicated to the concerned tenderer in form of a letter mentioning name of equipments, amount, period of supply and amount of bid security (Performance Security). Within 10 days of receipt of the letter of award the supplier will furnish a Performance Security equal to 5% of the 'Total cost of Supply and Installation' (Amount of Contract) in the shape of demand draft of any Scheduled Bank in favour of Executive Director, EPCO, Bhopal payable at Bhopal and sign the contract. If he fails to submit the Performance Security the contract shall be cancelled and Earnest Money Deposit shall be forfeited.

10. Other Conditions :

10.1 Each equipment should necessarily have a warranty for it's trouble free performance for a period of at least one year from the date of installation. The warranty papers should be submitted with delivery of goods. The detailed specifications, literature, brochure, circuit diagram, drawing of mechanism etc. for the equipments should also be submitted with delivery of goods.

10.2 It shall be the responsibility of the tenderer to deliver the material to the consignee in good condition without any damage. Any loss or damage during transit or otherwise shall be the tenderers responsibility.

10.3 All clearance including "Not Manufactured in India" (NMI) certificate, custom clearance/custom duty will be the responsibility of the supplier. This office will sign the relevant documents as and when required.

10.4 The tenderer is expected to study all instructions, annexures, terms and conditions and specifications etc. in the tender documents. If the tenderer fails to furnish any required information or submits insufficient/ incomplete or incorrect information the tender will be treated as non responsive and rejected summarily.

10.5 Conditional offers are liable to be rejected.

10.6 In case of minor human error the Executive Director EPCO will take appropriate decision which shall be final and binding.

11. Refund of Earnest Money Deposit

The Earnest Money Deposit of tenderers who do not qualify technically will be refunded to them within seven days of date of opening of envelope 'B'. EMD of the tenderers whose Financial Offers are opened excepting the selected tenderer will be refunded within seven days of signing the contract by the selected tenderer. The Earnest Money deposited by the selected tenderer shall be treated as part of Performance Security.

ANNEXURE - I

POWER OF ATTORNEY

Know all men by these presents, We…….(name and address of the registered office) do hereby constitute, appoint and authorize Mr./Ms……(name, designation and residential address) as our true and lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to submission of our Tender for Supply and Installation of Laboratory Equipments issued by Executive Director EPCO including signing and submission of the Tenders and all documents specified in the Tender Documents, including undertakings, letters, certificates, acceptances, clarifications, guarantees, etc, making representations to the Environmental Planning and Co-ordination Organization, M.P. and providing information/responses to the Executive Director, EPCO representing us in all the matters before the Executive Director, EPCO and generally dealing with Executive Director, EPCO in all the matters in connection with our Tender for the said Supply and Installation of Laboratory Equipments.

WE HEREBY AGREE TO RATIFY ALL ACTS, DEEDS AND THINGS LAWFULLY DONE BY OUR SAID ATTORNEY PURSUANT TO THIS POWER OF ATTORNEY AND THAT ALL ACTS, DEEDS AND THINGS DONE BY OUR AFORESAID ATTORNEY SHALL AND SHALL ALWAYS BE DEEMED TO HAVE BEEN DONE BY US.

ALL THE TERMS USED HEREIN BUT NOT DEFINED SHALL HAVE THE MEANING ASCRIBED TO SUCH TERMS UNDER THE RFP DOCUMENT.

SIGNED BY THE WITHIN NAMED
_____ [INSERT THE NAME OF THE EXECUTANTS (S)]
THROUGH THE HAND OF
MR._____
DULY AUTHORIZED SIGNATORY

DATED THIS ___ DAY OF _____ 2013

BEFORE ME,

NOTARY

ACCEPTED

…….. (SIGNATURE)

(NAME, TITLE AND ADDRESS
OF THE ATTORNEY)

NOTE:
THE MODE OF EXECUTION OF THE POWER OF ATTORNEY SHOULD BE IN ACCORDANCE WITH THE PROCEDURE, IF ANY, LAID DOWN BY THE APPLICABLE LAW AND THE CHARTER DOCUMENTS OF THE EXECUTANTS AND WHEN IT IS SO REQUIRED THE SAME SHOULD BE UNDER COMMON SEAL AFFIXED IN ACCORDANCE WITH THE REQUIRED PROCEDURE.

Annexure - II

TECHNICAL OFFER

<table>
<tr><th>S.No.</th><th></th><th>Particulars</th><th>Information's</th></tr>
<tr><td>1</td><td></td><td>2</td><td>3</td></tr>
<tr><td>1.</td><td>(i)
(ii)

(iii)
(iv)
(v)
(vi)

(vii)

(viii)</td><td>Name ……
Address: ……
……
Phone Nos ……
E-mail ……...
Website ……
Whether the tenderer is Manufacturer or Dealer / Authorized Representative
License No to manufacture the equipments from DGTD/SSI/SIA approved by BIS / ISO.
Power of Attorney in favour of authorized signatory.
(Attach copies of Licenses/ Certificates/Relevant Documents and power of attorney in original)</td><td><table><tr><th>S.No.</th><th>Type of Document</th><th>Number</th><th>Date</th></tr><tr><td></td><td></td><td></td><td></td></tr></table></td></tr>
<tr><td>2.</td><td>(i)
(ii)</td><td>Sales/VAT/Commercial Tax No.
PAN
(Attach necessary certificates)</td><td></td></tr>
<tr><td>3.</td><td></td><td>Tender specifications VS Offered Specifications (Attach Separately)
(Please submit Catalogues / Broachers)</td><td>Tender Specifications VS Offered Specifications<table><tr><th>S.No</th><th>Item</th><th>Tender Specifications</th><th>Offered Specifications</th></tr><tr><td></td><td></td><td></td><td></td></tr></table></td></tr>
<tr><td>4.</td><td></td><td>Supplies made during last one year. (Attach)</td><td>Details of Supply<table><tr><th>S.No.</th><th>Organisation</th><th>No.&Dt</th><th>Amount of Supply</th></tr><tr><td></td><td></td><td></td><td></td></tr></table></td></tr>
<tr><td>5.</td><td></td><td>Location of Service Centers in MP/India</td><td></td></tr>
<tr><td>6.</td><td></td><td>Undertaking in Annexure II-A</td><td></td></tr>
</table>

(Authorized Signatory)
of Tender

ANNEXURE-II-A

UNDERTAKING

I/We hereby solemnly affirm that

(i) I/We have not been blacklisted or debarred to submit tenders or to supply goods by any Central or State Government Department / Undertaking.

(ii) the information furnished herein and the copies of documents submitted herewith are all correct and genuine to best of my/our knowledge and belief and

(iii) I/We have not concealed or misrepresented any facts in connection with the documents submitted herewith and information furnished herein.

Signature

……

……

……

(Name, Seal, Authority)

ANNEXURE - III

TECHNICAL SPECIFICATION

1. Inverted Microscope

Optics	Infinitely corrected (HCS), tube factor 1X
Field of View	20mm
Lamp Power Supply	External Power Supply Ac Input : 100-240V, 0.33-0.19 A DC output:5V----2A
Illumination	10 watt LED
Focusing	Coarse and Fine adjustment, nosepiece focusing, vertical travel 7 mm
Objective Nose Piece	4-position, M25x0.75 objective thread
Stage	Fixed work stage with 3-point support 248x212x20mm Or Heating stage 248x212x20nm incl. Temp control 37 Or 3-plate stage, 150x150mm insert plate, Adjustment range 60x40nm
Transmitted - light illuminator arm	With illumination unit, with pre centered LED illumination incl. collector, diffusion filter, iris aperture diaphragm, condenser holder

2. Binocular Microscope

Salient Points	Specification
Description	Binocular Microscope with electrical illumination for magnification and observation of bacteria, viruses, slides, biological material etc. with built-in / attached facility of display of magnified object.
Objectives	Parfocalled, parcentered, achromatic
Functions	Count, capture, measure, record, amalgamate, Internet meeting
Illuminator	20 W halogen with rheostat
Stage dimensions	145mm x 135 mm, 76 mm x 50 mm movement range
Pixel	640 x 480 with PCI card
Resolution	320 x 240, 480 TV lines
Shutter speed	30 fps
Output	Digital
Cable(s)	USB, RCA-Video, S-Video
Data Transfer	7.5 MB/sec
Data formats	BMP, JPG, MIG
Magnification	4x / 10x 40x / 100x
Power supply	230± 10 V AC, 50 Hz
Accessories	Spare Halogen lamp - One; Spare Eyepiece Cable & plug

3. Bacteriological Incubator

Salient Points	Specification
Size (Inner chamber)	605x605x910mm (approx)
Temperature Range	Ambient to 70 ^{0}C
Accuracy	$\pm$ 0.2 ^{0}C
Timer	99hrs/continuous
Chamber/Body	Tripple wall construction. Inner Chamber made of stainless steel SS-304 grade & middle wall made of G.I. Sheet. Outer body made of M.S. painted in epoxy powder with perforated adjustable SS shelve 03No
Power Supply	220/230 Volt Single / 440 Volts three phase, 50Hz/AC

- Air Circulatory fan should be provided for circulation of hot air in between inner chamber.
- Programmable Digital Temperature Controller cum Indicator
- Display : up to one decimal point
- Door with glass window should be provided
- Wheel base should be provided

4. Colony Counter

Salient Points	Specification
Display	4 Digits, 9999 max. count
Dish Size of diameter	110 mm
Approx. Dimension	L 250 X B 300 X H 150 mm (approx.)
Magnification	1.7X
Operating Power	230 V $\pm$ 10 V 50 Hz AC
Marking Pen	1 No. installed with instrument and two Nos. Spares
Magnifier lens	Minimum 110 mm diameter
	Audible confirmation of each count
	Should have uniform glare free illumination

5. BOD incubator Meter :

Salient Points	Specification
Description	Digital Display, vertical BOD incubator for incubation of environmental samples for measurement of Biochemical Oxygen Demand having both cooling and heating facilities
Construction	Triple walled construction, Outer Body made of Mild Steel with white Powder coated enamel
Shelves	Three adjustable Stainless Steel Perforated Shelves
Glass Door	Full view inner toughened Glass door with Aluminium Frame closes on a resilient gasket and permits inspection of the specimens, without disturbing the thermal conditions of the chamber.
Mounting	Cooling Unit is placed on heavy duty iron angle Frame below the Chamber with Castor wheel.
Door	Door with Magnetic Gasket and Lock & Key arrangement
Inside chamber	Stainless Steel with ribs for adjusting perforated shelves at convenient Illumination Lamp (15 W) will be provided inside the Chamber.
Inside Chamber size (HxWxD)	Height .900 mm x 580 mm x 650 mm
Inside Chamber capacity	0.339 cubic meter (12 cubic ft.)
Insulation	75 mm gap between the walls is filled with PUF Insulation to avoid thermal loss.
Temp. Range	5-60 ^{0}C, with an accuracy of $\pm$ 0.2 ^{0}C or better
Temp. Control	Temperature is controlled by LCD Display Touch Panel with Digital. Temperature Controller cum Indicator with pt-100 sensor with real time / Date display.
Cooling	Hermetically sealed, high performance CFC Free Compressor (Emerson or equivalent) with its protective device, works efficiently to cool the chamber. Cooling coils are distributed evenly & lie in the air circulation path.
Heating	Fins Type Heating elements (ISI Marked) are placed in the path of moving air duly insulated from sheet body.
Blower	Air is circulated by a couple of self cooling Motor with fans to keep the temperature uniform throughout the inner chamber.
Recorder	Temperature recorder with USB port for downloading the data on to computer. Data display in table and graph format
Electric Supply	230 $\pm$ 10 V AC, 50 Hz
Accessories	Supplied complete with Voltage Stabilizer, Instruction manual, Calibration Certificate from NABL Accredited Calibration Lap for Temperature control of B.O.D. Incubator

6. Dissolved Oxygen (DO) Meter:

Salient Points	Specification
Range	0.00 to 19.99 mg/L
Resolution	0.01 mg/L
Temperature	- 0.5% to 50 ^{0}C
Accuracy	± 0.5% of value
Temp. Compensation	Automatic temperature compensation (ATC) for mg/L & % saturation
Salinity Correction	Automatic from 0 to 70
Calibration	Rapid calibration facility
Sensor / probe	Galvanic type with 3 mt. cable [approx.]
Power	Powered with Alkaline Battery
Weight/Size	Light weight / Portable
Certification	Reputed Certification

7. pH Meter :

General Requirement : Light weight, Bench top, sensitive microprocessor controlled digital pH Meter, Main [230 ± 10/50 Hz AC] through charging transformer and battery operated.

Salient Points	Specification
Size / weight	Light weight, Portable
Display	LCD simultaneous display of Temperature and pH
pH Range	0.00 to 14.00 pH
Accuracy	± 0.01 pH
Resolution	0.01 pH
Calibration	Automatic 3 points calibration, 1,2 and 3 points, calibration option at operator's desire for buffer values [pH 4.0, 7.0, 10.00] or at nearby points
Slope	80 - 120 %
Electrode	Combined [glass/reference], compossed of expoxy, Ag/AgCl
Temperature Range	0.0 to 50 deg.C
Resolution	0.1 deg.C
Accuracy	± 0.50 deg.C
Temperature Compensation	Automatic
Milli Volt Range	± 1999.0
Accuracy	± 0.1 mV
Resolution	0.1 mV
Button / Keys	ON/OFF, PH/MV, CAL, ENTER, UP, DOWN Inputs : BNC, Temperature, Probe, Power, reference
Power	220V online with sufficient back-up battery
Accessories	All necessary accessories to make the equipment functional such as Power cord, Operation and service Manual [2 copies each], Electrode stand [preferentially flexible], Beakers for calibration.
Electrode Maintenance	Suitable electrode filling solution for at least 2 years hassle free operation
Standard	NIST traceable Standard buffers for 3 points calibration ▪ Built in printing protocol for attachment of normal printer / PC ▪ RS Interface to attach the normal printer / PC

8. Conductivity Meter

General requirement : Light weight, Bench top, sensitive microprocessor controlled digital conductivity meter, main [230 ± 10/50 Hz AC] through charging transformer and battery operated.

Salient Points	Specification
Size/weight	Light weight, Portable
Display	LCD, simultaneous display of Temperature and Conductivity LCD display for the condition of electrode with an warning
Conductivity Range	0.00 to 199.9 µS 200 to 1999 µS 2.00 to 19.99 mS
Auto Ranging Resolutions for respective determination ranges	0.1 µS [0.00 to 199.9 µS] 1µS [200 to 19.99 µS] 0.01 mS [2.00 to 19.99 mS]
Accuracy	± 2% [at full scale]
Temperature Range	0.0 to to 50 deg.C
Resolution	0.1 deg.C
Temperature Accuracy	± 0.50 deg . C
Offset	0.1 deg.C increments
Calibration	up to 3 points [push button, 1 point per range]
Cell Constant	Theoretically 1.0, [Provide internationally Traceable Calibration Certificate]
Temp. Compensation	Automatic, at 0.00 to 50.0 deg.C
Reference Temperature	Factory set at 25 deg
Temperature Coefficient	Factory set at 25 deg
Button/keys	On/Off, Measure [Cond.], Call., Enter, Up, Down and others
Inputs	BNC, Temperature Probe, Power, Reference etc
Power	220V online with sufficient back-up battery
Accessories	All necessary accessories to make the equipment functional such as Power cord, Operation and service Manual [2 copies each], Electrode stand [preferentially flexible], Beakers for calibration.
Standards	NIST traceable standard for calibration at all working ranges
Standard	NIST traceable Standard buffers for 3 points calibration ▪ Built in printing protocol for attachment of normal printer / PC RS Interface to attach the normal printer / PC

Annexure - IV

FINANCIAL OFFER

Tender for Supply and Installation of Laboratory Equipments

I/we hereby tender for the Supply and Installation of Laboratory Equipments described in Annexure-III as per specifications offered / mentioned therein within the specified time period of 60 days for Indigenous Goods and 90 days for Imported Goods subject to terms & conditions of the contract document at the rates specified herein.

Price Schedule for Equipments

S.N	Particulars of Item	Qty	Whether Indigenous or Imported	Description of Item (Model No., Make etc.)	Total Unit Price (Including Taxes, Transportation, Installation, Demonstration etc. Complete)	Total Amount
1.	Inverted Microscope	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
2.	Binocular Microscope	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
3.	Bacteriological (Microbiological) Incubator	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
4.	Colony Counter	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
5.	BOD Incubator	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
6.	Dissolved Oxygen Meter	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
7.	pH Meter	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
8.	Conductivity Meter	01			(In figures) …… (In Words) ……	(In figures) ……..… (In Words) ……
					Total	……

Consigninee ……..

Earnest money of Rs. 16660/- (Sixteen Thousand Six Hundred and Sixty) only has been deposited through DD No…… Dt-…… on (Name of Bank……). Performance Security @ of 5% of contract amount will be deposited within the specified time after award of contract.

Should this tender be accepted I/we hereby agree to abide by and fulfill all the terms of the specifications and all the conditions of contract annexed hereto, or in default thereof, to forfeit and pay to the Executive Director EPCO or his successor the penalties or sums or money mentioned in the said conditions.

I/we understand and agree that the said earnest money will be forfeited if, I/we fail to sign the contract documents and commence the supply of goods within specified time after award/contract.

Signature of Witness **Signature**

(1) ……..

Address …….. **Address ……..**

(2) ……... **……...**

Address ...……...

GENERAL CONDITIONS OF CONTRACT

1. Definitions

1.1 In this contract the following terms shall be interpreted as indicated below-

a. 'The Order' or the 'Supply Order' means the purchase order placed by the 'Purchaser' (i.e. the 'Executive Director EPCO', Bhopal) to the Contractor for 'Supply of Equipments including Installation, Demonstration etc. complete' and includes all amendments to the order so placed.

b. 'The Contract Price' or 'Amount of Contract' means the price payable to the supplier under the order for the full and proper performance of his contractual obligations.

c. 'The Goods' means all the equipments, machinery, and/or other materials, which the Supplier is required to supply to the Purchaser under the contract.

d. 'GCC' means the General Conditions of Contract contained in this section.

e. The 'Purchaser' means the 'Executive Director EPCO', Bhopal.

f. 'The Supplier' or 'The Contractor' means the individual or firm supplying the Goods and Services under this Contract.

g. "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

2. Performance Security (Bid Security)

Within 10 days of receipt of the order of award of contract / purchase order the supplier shall furnish Performance Security equal to 5% of the contract price (Amount of Contract) in the form of a demand draft in favour of the Purchaser. The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract. The Performance Security will be discharged by the purchaser and returned to the Supplier not later than 60 days following the date of completion of supplier's performance obligations including any warranty obligation unless specified otherwise in the Contract.

3. Period of Supply

For Indigenous Goods the complete task of supply, installation and demonstration etc. shall be completed within 60 (Sixty) days from the date of issue of Supply Order. For Imported Equipments this period shall be 90(Ninety) days.

4. Delay in Supplier's Performance

Delivery of Goods and performance of the services shall be made by the supplier in accordance with the time schedule specified in **clause 3** above. If at any time during performance of the contract the supplier encounters conditions impeding timely delivery of goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the hindrance, it's likely duration and cause(s). As soon as practicable after receipt of supplier's notice, the purchaser shall evaluate the situation and may, at his discretion extend the time period for performance with or without penalty.

5. Penalty

Delay by the supplier in the performance of his obligations under this contract shall render him liable to pay the penalty. The amount of penalty will be upto 1% of the Contract Price for every week of delay and shall be limited to maximum 10% of the Contract Price, after which the contract shall be liable to be terminated at supplier's cost. If additional expenditure is incurred by the purchaser in procurement of the goods from other sources, the amount of additional expenditure will be recovered from the supplier.

6. Taxes and duties

All taxes, duties, octrois, license fees etc. are assumed to have been included in 'Total Unit Price' in the Financial Offer. No extra payment therefore shall be made for these items.

7. Insurance, Transportation etc.

The supplier shall be responsible for proper packing, transportation, insurance and other incidental services to ensure safe delivery of Goods. The purchaser shall neither be responsible for any damages, inconvenience etc. nor will be liable for payment of any of such items since the contract includes supply installation & demonstration etc. complete on 'Total Unit Price' basis.

8. Warranty, Inspection and Tests etc.

8.1 The supplier shall furnish a comprehensive warranty for each equipment separately certifying that :-

(a) the product is new having no manufacturing defects,

(b) the product conforms to the specifications described in literature / brochure / tender document etc,

(c) the equipment is warranted to give trouble free performance for a period of at least one year from the date of successful installation and,

(d) the supplier will repair the equipment free of cost in case of any defect during one year from the date of installation. The cost of spares if any shall be borne by the supplier during the warranty period of one year,

The warranty documents should be submitted at the time of delivery of goods.

8.2

(a) The Supplier shall furnish the Manufacturer's Test Certificate with datasheet, manuals and drawings etc,

(b) The purchaser or his authorised consultant will conduct the acceptance test after installation of the equipments. The acceptance will involve troublefree operation. No malfunction however small, of the equipment or of any it's components is expected to occur during the acceptance test. In the event of any malfunction of the equipment the purchaser reserves right to reject the goods and get the equipment replaced by the supplier at no extra cost to the purchaser.

(c) Notwithstanding contents of any other clauses in this contract, the purchaser will not accept any goods not conforming to the specifications approved by the Purchaser.

8.3 The Supplier shall handover Operation & Maintenance Manuals. These shall be in such details as will enable the purchaser to operate, maintain and adjust the equipment with ease and convenience. These documents should be submitted at the time of delivery of goods.

8.4 The Supplier will be required to provide necessary training to the purchaser's personnel during installation / demonstration of the equipment or immediately after completion of the work as may be needed in assembly, start-up, operation, maintenance and repair of the equipments.

9. Change Orders

The purchaser may at any time during the period of contract by a written order to the supplier make changes either in the quantity or the specifications of the Goods, which shall be binding of the Supplier. Any claim by the supplier due to such change shall be asserted by the purchaser within 15 days of the receipt of such claim by the Purchaser. The Supplier shall submit the claim with sufficient

details and analysis justifying the claim. However no claim shall be admitted for variation in quantities. Payment of such variation shall be regulated as per accepted rates.

10. Termination for Default

10.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract, if

a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser pursuant to **GCC Clause 4**; or

b) the Supplier fails to perform any other obligation(s) under the Contract.

c) the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

In the event of termination of the contract under this clause the Performance Security and other sums available with the purchaser against this contract shall stand forfeited.

10.2 If the supplier fails to deliver any or all of the Goods within the period of supply or within extended period the purchaser may instead of terminating the contract with a seven days prior notice to the supplier have the supply of goods delivered and installed through another firm/supplier at the risk and cost of the supplier.

11. Force Majeure

11.1 Notwithstanding any provisions of the GCC the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if the delay in performance or other failure to perform his obligations under the Contract is the result of an event of Force Majeure.

11.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, wars or revolutions, fires, floods, epidemics, strikes, lockout, riots, civil disorder, acts of God such as natural calamities and such

other events which make performance of the contractual obligations impossible to fulfill.

11.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof.

12. Payment

12.1 50% of the amount based on 'Total Unit Price' shall be paid after receipt of the goods by the consignee and remaining 50% shall be paid only after satisfactory installation and demonstration of the equipments. The supplier shall have to submit relevant documents like Manuals, Drawings, Specifications, Manufacturer's /Supplier's warranty documents, Test Certificates, Certificates of Origin and Insurance Certificate if any etc. before payment-

The supplier shall submit claim for receiving payment in the form of Bills with all details and documents in support of the claim. The Bills alongwith the documents shall be recorded/checked by the client and paid accordingly.

13. Resolution of Dispute

The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to a committee of three members constituted by the purchaser. The committee shall give it's decision within 60 days from the date the dispute has been referred for resolution. If either party is dissatisfied with the decision, the dispute shall be settled in accordance with Indian Arbitration and Conciliation Act 1996 and other Arbitration Rules applicable. The award of the arbitrator so decided shall be final, conclusive and binding on both the parties.

14. Applicable Law and Jurisdiction

The Contract shall be governed by and interpreted in accordance with the applicable laws of the Central, State and the Local Government. The Contractor shall ensure compliance of all such Laws, Acts, Rules etc. as are applicable on the contract. Courts of Law at Bhopal only shall have jurisdiction.